

JuiceRouter™



Reliable LTE connectivity for smart charging infrastructure

Use JuiceRouter to securely connect up to sixteen Enel X smart charging stations to JuiceNet – our smart charging platform – and scale your EV charging operations without overloading your existing WiFi network capacity. JuiceRouter allows you to leverage our smart EVSE management dashboards and optimize charging behavior even if your charging stations are located in areas without a reliable internet connection.

With the JuiceRouter, Enel X's smart charging stations provide:

- Reliable LTE-to-WiFi connectivity across your property
- Single cost-effective cellular data plan for multiple smart charging stations
- Flexible installation to locate EVSE in areas without a reliable internet connection
- Scalable EV infrastructure that can adapt with growing EV charging demand
- Lower operating expenses by taking advantage of smart charging features, utility installation and grid incentives

Why JuiceRouter?

Maximize Connectivity Reach

Enable WiFi connectivity of charging stations across your property with best-in-class cellular coverage

Save on CAPEX & OPEX

Save on purchase and operational costs with a single cellular connection and a cost-effective data plan for up to 16 stations

Simplify Installation & Maintenance

Every JuiceRouter is pre-programmed for easy and hassle-free installation and includes support from dedicated customer service team

Future-Proof Your EV Charging

JuiceRouter allows you to connect up to 16 charging stations to accommodate increasing volume of EV drivers

JuiceRouter Specifications

Connectivity Range	<ul style="list-style-type: none"> › 150 feet of range: JuiceRouter provides reliable LTE-to-WiFi connectivity for up to 16 stations within a 150 foot radius
Supported Bands	<ul style="list-style-type: none"> › 3GPP Release 13: LTE Cat M1 Half-Duplex, LTE NB1 Half-Duplex › LTE FDD Bands: B12(700), 17(700), 28 (700), 13(700), 20(800), 26(850), 5(850), 19 (850), 8(900), 4(1700), 3(1800), 2(1900), 25 (1900) › LTE TDD Bands: 39(1900)
Cellular Data Features*	<ul style="list-style-type: none"> › LTE Category M1: - up to 375 kbps UL - up to 375 kbps DL › LTE Category NB1: - up to 62.5 kbps UL - up to 27.2 kbps DL
WiFi Features	<ul style="list-style-type: none"> › 802.11b/g/n (2.4 GHz)
Ethernet	<ul style="list-style-type: none"> › 5 - 30VDC PoE (Passive - Max 24V) USB Powered (5V, 1.5A)
Connectors	<ul style="list-style-type: none"> › Antenna Data › USB: 4 PIN Interlock (Vin) › SIM: Micro-AB Nano (4FF) › SMA: Female RJ-45 (Ethernet) 1.8 / 3.0V
Environmental	<ul style="list-style-type: none"> › -40°F/-40°C to +185°F/+85°C › Humidity: 5-95%, non-condensing
Weight	<ul style="list-style-type: none"> › Approx. 90 grams (without enclosure); Approx. 1 kg (including enclosure - pictured)
Dimensions	<ul style="list-style-type: none"> › Approx. 1.75" x 1.75" x 1.35" (45mm x 45mm x 35mm)
Approvals	<ul style="list-style-type: none"> › FCC/IC PTCRB Carrier Specific Approvals
Data Plan	<ul style="list-style-type: none"> › Single cost-effective data plan for up to 16 stations



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*Module Standalone Laboratory Performance

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